Unit 1 Day 6 WS Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per \_\_\_\_

Write each system as a set of matrices and show what you would plug into the calculator to get the answer.

1. 2. 3.

4. 5. 6.

7. 8. 4 9.

10. 11. 12.

|  |  |
| --- | --- |
| Year | US Exports(in billions) |
| 2000 | 111.3 |
| 2001 | 101.3 |
| 2002 | 97.5 |
| 2003 | 97.4 |
| 2004 | 110.8 |
| 2005 | 120.4 |
| 2006 | 134 |

\*13. Solve the system by hand. \*14. Find the line of best fit for the information given.

y = 2x + 7

y = x2 -1

\*15. Write the equation that \*16. Write the equation of a line that is parallel to

contains the point (-1,2) and (5,6) 2x-3y=4 and goes through the point (-6,1).